

CLASSIFICATION CONFIDENTIAL
 SECTION 1 INFORMATION
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT

50X1-HUM

CD NO.

COUNTRY USSR

DATE OF
INFORMATION 1951 - 1952

SUBJECT Economic; Technological - Concrete machinery

HOW
PUBLISHED Daily newspapers

DATE DIST. 18 Apr 1952

WHERE
PUBLISHED USSR

NO. OF PAGES 2

DATE
PUBLISHED 5 Jun 1951 - 26 Jan 1952

LANGUAGE Russian

SUPPLEMENT TO
REPORT NO.

THIS DOCUMENT CONTAINS INFORMATION AFFECTING THE NATIONAL DEFENSE
 OF THE UNITED STATES WITHIN THE MEANING OF ESPIONAGE ACT 50
 U. S. C., 31 AND 32, AS AMENDED. ITS TRANSMISSION OR THE REVELATION
 OF ITS CONTENTS IN ANY MANNER TO AN UNAUTHORIZED PERSON IS PRO-
 HIBITED BY LAW. REPRODUCTION OF THIS FORM IS PROHIBITED.

THIS IS UNEVALUATED INFORMATION

SOURCE Newspapers as indicated.

BUILD CONCRETE PLANTS, MIXERS FOR SOVIET CONSTRUCTION PROJECTS

MOSCOW CONTRIBUTES MOST OF THE EQUIPMENT -- Moscow, Moskovskaya Pravda, 18 Oct 51

In May 1949, a group of engineers of the Stroymekhmontazh Trust drew up plans for an automatic concrete plant, and in August turned them over to the manufacturing plants. Almost all the elements going into the concrete plants were built by enterprises in Moscow and the Moscow area. The Moscow Strommashina Plant built complex pneumatic devices and the soleoids for the automatic unit; additional electrical units were contributed by the Moscow Electrical Machinery Plant of the Ministry of Machine and Instrument Building, and by the Moscow Low-Voltage Equipment Plant. Other equipment was turned out by the Experimental Plant for Hoist and Transport Machinery, the Perovo Machinery Plant, the Voskresensk Krasnyy Stroitel' Plant, and the Experimental Plant for Weights and Measures.

The first concrete plant, an experimental aggregate, was sent to the site of the Tsimlyanskaya GES and set up in 120 days. At present, there are 15 concrete plants working at the Volga-Don Canal project.

The concrete plants are housed in a high metal tower containing hoppers for the cement, sand, and gravel, as well as a tank for the water. The hoppers are filled by means of elevators, conveyers, and pipes. A special device automatically measures out the ingredients of the concrete into mixers. These mixers are automatically operated and turn out the concrete ready for use. The entire cycle takes 2 to 3 minutes. There are several mixers in each plant. The plants are manned by four to ten workers.

After a plant has supplied sufficient concrete for a certain area, it is taken apart and moved to another location which requires a supply of concrete.

Scientists are now working on improvements for the parts and units of the plants which are to be sent to the sites of the Kuybyshev, Stalingrad, and Kakhovka GES. -- M. Botvinko, Chief, Bureau of Concrete Plants, Planning Office of Stroymekhmontazh Trust.

- 1 -

CLASSIFICATION CONFIDENTIAL

STATE	<input checked="" type="checkbox"/> NAVY	<input checked="" type="checkbox"/> NSRB	DISTRIBUTION																	
ARMY	<input checked="" type="checkbox"/> AIR	<input checked="" type="checkbox"/> FBI																		

CONFIDENTIAL

50X1-HUM

LAUNCH PRODUCTION OF CONCRETE PLANTS -- Frunze, Sovetskaya, Kirgiziya, 21 Jun 51

The Kusa Construction and Road Machinery Plant is establishing production of concrete plants for the great construction projects.

The plant has sent two rock-crushing aggregates to the site of the Kakhovka GES. It has sent to the hydroelectric projects along the Volga some rock crushers and 30 heavy centrifugal pumps.

SEND BATCHING UNITS TO KUYBYSHEV -- Moscow, Pravda, 26 Jan 52

The Kiev Plant imeni Dzerzhinskiy recently sent two heavy batching units to the Kuybyshev GES site, where they will be used in automatic concrete plants.

SHIP 20 MIXERS -- Moscow, Izvestiya, 5 Jun 51

The Kemerovo Strommashina Plant shipped out 20 concrete mixers to the Volga-Don Canal project during May.

SET UP CONCRETE MIXER -- Frunze, Sovetskaya Kirgiziya, 18 Jun 51

The 4,500-litre concrete mixer built at the Slavyansk Construction Machinery Plant has already been set up at the site of the Kuybyshev GES. The plant is now working on a second mixer of the same capacity for the same GES.

NEW CONCRETE PUMP HAS TWO CYLINDERS -- Moscow, Vechernyaya Moskva, 23 Aug 51

The Moscow Rostokinskiy Construction Machinery Plant has completed the first new-type concrete pump, destined for the Volga-Don Canal project. The pump has two cylinders, enabling it to deliver 40 cubic meters of concrete per hour a distance of 250 meters horizontally and 40 meters vertically.

This represents a great advance over the one-cylinder pumps now in production at the plant, which deliver only 20 cubic meters of concrete per hour. The new pump will soon undergo plant tests.

DESIGN NEW CEMENT UNLOADER -- Leningradskaya Pravda, 27 Oct 51

The Glavstroy Mash Construction Machinery Plant [Leningrad Construction Machinery Plant of the Main Administration for the Production of Construction Machines] is starting work on a pneumatic cement unloader, which will be the first of its type in the world. The plant has pledged that the machine will be ready for testing by 7 November.

The unloader will be able to discharge 50 tons of cement per hour, moving the cement from railroad cars, holds of vessels, and other containers. It was designed by engineers of the All-Union Scientific Research Institute of the Ministry of Construction- and Road-Machine Building.

PUT OUT CONCRETE-TESTING UNITS -- Moscow, Pravda, 26 Nov 51

The Sredneuralsk Machinery Plant of the Ministry of Electric Power Stations has sent to the sites of the Kuybyshev, Stalingrad, and Kakhovka GES some 200-ton hydraulic presses for testing the durability of concrete.

- E N D -

- 2 -

CONFIDENTIAL